

## SEQUENCE LISTING

&lt;110&gt; Clinovation

&lt;120&gt; A Recombinant Allergen

&lt;130&gt; REG/G20580WO

&lt;160&gt; 15

&lt;170&gt; PatentIn version 3.1

&lt;210&gt; 1

&lt;211&gt; 70

&lt;212&gt; PRT

&lt;213&gt; Felis catus

&lt;400&gt; 1

Glu Ile Cys Pro Ala Val Lys Arg Asp Val Asp Leu Phe Leu Thr Gly  
1 5 10 15

Thr Pro Asp Glu Tyr Val Glu Gln Val Ala Gln Tyr Lys Ala Leu Pro  
20 25 30

Val Val Leu Glu Asn Ala Arg Ile Leu Lys Asn Cys Val Asp Ala Lys  
35 40 45

Met Thr Glu Glu Asp Lys Glu Asn Ala Leu Ser Leu Leu Asp Lys Ile  
50 55 60

Tyr Thr Ser Pro Leu Cys  
65 70

&lt;210&gt; 2

&lt;211&gt; 92

&lt;212&gt; PRT

&lt;213&gt; Felis catus

&lt;400&gt; 2

Val Lys Met Ala Glu Thr Cys Pro Ile Phe Tyr Asp Val Phe Phe Ala  
1 5 10 15

Val Ala Asn Gly Asn Glu Leu Leu Leu Asp Leu Ser Leu Thr Lys Val  
20 25 30

Asn Ala Thr Glu Pro Glu Arg Thr Ala Met Lys Lys Ile Gln Asp Cys  
35 40 45

Tyr Val Glu Asn Gly Leu Ile Ser Arg Val Leu Asp Gly Leu Val Met  
50 55 60

Thr Thr Ile Ser Ser Ser Lys Asp Cys Met Gly Glu Ala Val Gln Asn  
65 70 75 80

Thr Val Glu Asp Leu Lys Leu Asn Thr Leu Gly Arg  
85 90

<210> 3  
<211> 90  
<212> PRT  
<213> Felis catus

<400> 3

Val Lys Met Ala Glu Thr Cys Pro Ile Phe Tyr Asp Val Phe Phe Ala  
1 5 10 15

Val Ala Asn Gly Asn Glu Leu Leu Leu Asp Leu Ser Leu Thr Lys Val  
20 25 30

Asn Ala Thr Glu Pro Glu Arg Thr Ala Met Lys Lys Ile Gln Asp Cys  
35 40 45

Tyr Val Glu Asn Gly Leu Ile Ser Arg Val Leu Asp Gly Leu Val Met  
50 55 60

Ile Ala Ile Asn Glu Tyr Cys Met Gly Glu Ala Val Gln Asn Thr Val  
65 70 75 80

Glu Asp Leu Lys Leu Asn Thr Leu Gly Arg  
85 90

<210> 4  
<211> 172  
<212> PRT  
<213> Artificial

<220>  
<223> synthetic construct

<400> 4

Met Val Lys Met Ala Glu Thr Cys Pro Ile Phe Tyr Asp Val Phe Phe  
1 5 10 15

Ala Val Ala Asn Gly Asn Glu Leu Leu Leu Asp Leu Ser Leu Thr Lys  
20 25 30

Val Asn Ala Thr Glu Pro Glu Arg Thr Ala Met Lys Lys Ile Gln Asp  
35 40 45

Cys Tyr Val Glu Asn Gly Leu Ile Ser Arg Val Leu Asp Gly Leu Val  
 50 55 60

Met Thr Thr Ile Ser Ser Ser Lys Asp Cys Met Gly Glu Ala Val Gln  
 65 70 75 80

Asn Thr Val Glu Asp Leu Lys Leu Asn Thr Leu Gly Arg Glu Ile Cys  
 85 90 95

Pro Ala Val Lys Arg Asp Val Asp Leu Phe Leu Thr Gly Thr Pro Asp  
 100 105 110

Glu Tyr Val Glu Gln Val Ala Gln Tyr Lys Ala Leu Pro Val Val Leu  
 115 120 125

Glu Asn Ala Arg Ile Leu Lys Asn Cys Cys Val Asp Ala Lys Met Thr  
 130 135 140

Glu Glu Asp Lys Glu Asn Ala Leu Ser Leu Leu Asp Lys Ile Tyr Thr  
 145 150 155 160

Ser Pro Leu Cys Leu Glu His His His His His His  
 165 170

<210> 5  
 <211> 85  
 <212> DNA  
 <213> Artificial

<220>  
 <223> synthetic construct

<400> 5  
 gtacatatgg aaatctgccc ggctgttaaa cgtgacgttg acctgttcct gaccggtacc 60  
 ccggacgaat acgttgaaca gggtg 85

<210> 6  
 <211> 68  
 <212> DNA  
 <213> Artificial

<220>  
 <223> synthetic construct

<400> 6  
 ggcagagctt tgtactgagc aacctgttca acgtattcgt ccgggtgagc aacctgttca 60  
 acgtattc 68

<210> 7  
<211> 76  
<212> DNA  
<213> Artificial

<220>  
<223> synthetic construct

<400> 7  
tgctcagtac aaagctctgc cggttgttct ggaaaacgct cgtatcctga aaaactgcgt 60  
tgacgctaaa atgacc 76

<210> 8  
<211> 89  
<212> DNA  
<213> Artificial

<220>  
<223> synthetic construct

<400> 8  
cctctcgagg cacagcgggg aggtgtagat tttgtccagc agggacagag cgttttcttt 60  
gtcttcttcg gtcatttttag cgtcaacgc 89

<210> 9  
<211> 76  
<212> DNA  
<213> Artificial

<220>  
<223> synthetic construct

<400> 9  
gtacatatgg ttaaaatggc tgaaacctgc ccgatcttct acgacgtttt cttecgctgtt 60  
gctaacggta acgaac 76

<210> 10  
<211> 75  
<212> DNA  
<213> Artificial

<220>  
<223> synthetic construct

<400> 10  
ggtaacgttcc ggttcggtag cgttaacttt ggtcagggac aggtccagca gcagttcgtt 60  
accgtttagca acagc 75

<210> 11  
<211> 80  
<212> DNA  
<213> Artificial

&lt;220&gt;

&lt;223&gt; synthetic construct

&lt;400&gt; 11

ctaccgaacc ggaacgtacc gctatgaaaa aaatccagga ctgctacgtt gaaaacggtc 60

tgatctccccg tgttctggac 80

&lt;210&gt; 12

&lt;211&gt; 71

&lt;212&gt; DNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; synthetic construct

&lt;400&gt; 12

gcttcacca tgcagtcttt ggaggaggag atgggtggta taaccagacc gtccagaaca 60

cgggagatca g 71

&lt;210&gt; 13

&lt;211&gt; 75

&lt;212&gt; DNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; synthetic construct

&lt;400&gt; 13

caaagactgc atgggtgaag ctgttcagaa caccgttgaa gacctgaaac tgaacaccct 60

gggtcgctcg agagg 75

&lt;210&gt; 14

&lt;211&gt; 22

&lt;212&gt; DNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; synthetic construct

&lt;400&gt; 14

cctctcgaga cgacccaggg tg 22

&lt;210&gt; 15

&lt;211&gt; 45

&lt;212&gt; DNA

&lt;213&gt; Artificial

&lt;220&gt;

&lt;223&gt; synthetic construct

&lt;400&gt; 15

cgtttaacag ccgggcagat ttcacgaccc aggggtgttca gtttc 45